

Schedule A

To the Voluntary Amendment of December 15, 2006

U.S. National Entry Serial No. 10/590,461

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Please amend the paragraph on page 16 of the Specification, between lines 11 and 16 to read as follows:

"A short cylindrical section 16 of the core 12 extends rearwardly from the frusto-conical portion 14. The jacket 11 is in contact with the core 12 in this region so that this section serves as the principle driving band area. Over the cylindrical section 16, the jacket 11 will become fully engraved on firing. Rearwardly of the short cylindrical section 16 is a shorter rearwardly-tapering end section 13 with ~~[[a half-]]~~ an exterior complimentary conical angle of approximately 83° or a 7° half-conical angle."

Please amend the paragraph between line 29 of page 16 and line 12 of page 17 to read as follows:

"The projectile is assembled with the jacket 11 in direct contact with the one-piece core 12 along the ogival front end 10, the short cylindrical section 16 and the rearwardly tapering end portion 13. However, by reason of the frusto-conical shape of the intervening middle portion 14 and the fact that the jacket 11 is generally cylindrical in shape, particularly on its inside surface, there is a small separation or gap 15 between the projectile jacket 11 and the frusto-conical portion 14 of the core 12. The half-conical angle of the frusto-conical portion 14 is, for a 5.56 mm round, preferably 0. 85° to 0. 95°, but may preferably range between 0. 7° and 1. 0°. This gap 15 allows the copper jacket material to flow plastically during engraving and without rupturing from no significant interference from the unyielding hard, steel core underneath, at least in the forward portion of the midsection. The deformation of the jacket 11 must be sufficient to maintain acceptable chamber pressure values, but not so great as to hinder the transfer of spin to the projectile required for stability. The range of permitted angles for the tapered portion 14 of the core 12 is also important for ensuring the accuracy of the projectile in flight, but this is not the only factor involved."

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